



Attorney's Docket No.: 07452-046001

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[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard G.C. Williams
Serial No. : 09/551,889
Filed : April 19, 2000
Title : METHOD OF DIFFERENTIAL ENCODING A PRECODED MULTIPLE
MODULUS ENCODER

Art Unit : Unknown
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the Specification:

On page 8, line 17, please change "is" to --of--.

In the Claims:

Please amend Claim 8 as follows:

8. (Amended) The method of Claim 1, wherein the sign of the frame and the frame value are differentially [decoding] decoded.

Please add the following new claims.

17. (New) A method of compensating for a phase shift in a modem

comprising:

attributing a sign to a frame of constellation points;
differentially encoding the sign; and
differentially decoding the sign.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

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